

Notice of Allowability

Application No.

10/032,945

Examiner

Mila Airapetian

Applicant(s)

TENORIO, MANOEL

Art Unit

3625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 08/14/2006 and Examiner Amendment of 10/26/2006.
2. ☒ The allowed claim(s) is/are 1-32.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date 10/26/2006.
7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other


JEFFREY A. SMITH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3600

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Laureanti on October 26, 2006.

The application has been amended as follows:

In the Claims:

1. An electronic commerce system applying dynamic database redirection, the system comprising:

one or more seller databases including product data for one or more products;

a global content directory server coupled to the one or more seller databases, the global content directory server comprising:

a seller selection ~~interface operable~~ module configured to receive one or more seller requirements from one or more buyers coupled to the global content directory server;

one or more custom global content directories generated by the global content directory server based on the one or more seller requirements received from the one or more buyers, each of the one or more custom global content directories includes a plurality of product classes organized in a hierarchy; each product class categorizing a

plurality of products from one or more sellers satisfying the one or more seller requirements received from the one or more buyers and each product class associated with one or more attributes of the products categorized in the product class, at least one of the product classes having one or more associated pointers that identify one or more seller databases associated with sellers satisfying the one or more seller requirements received from the one or more buyers; and

a search interface operable module configured to communicate a search query to the one or more seller databases to search the product data stored in the one or more seller databases identified by one of the pointers.

6. The system of Claim 1, wherein the search interface module is further operable configured to:

receive search results from one or more of the seller databases in response to the search query, the search results including product data associated with one or more products satisfying the search query and from sellers satisfying the one or more seller requirements received from the one or more buyers; and

communicate the search results to the one or more buyers.

9. The system of Claim 8, wherein the seller selection interface module is further operable configured to receive an access code from the one or more buyers, the access code operable to allow the one or more buyers to search the product data associated with the private global content directories.

10. A method for dynamic database redirection in an electronic commerce transaction, the method comprising:

receiving one or more seller requirements from one or more buyers;

creating one or more custom global content directories by a global content directory server, based on the one or more seller requirements received from the one or more buyers, the custom global content directory comprising a directory structure including a plurality of product classes organized in a hierarchy, each product class categorizing a plurality of products from one or more sellers satisfying the one or more seller requirements received from the one or more buyers and each product class associated with one or more attributes of the products categorized in the product class, one or more of the product classes having one or more associated pointers that identify one or more seller databases associated with sellers satisfying the one or more seller requirements received from the one or more buyers;

receiving a selection of a product class from the one or more buyers, the product class having a pointer identifying one or more of the seller databases;

in response to the selection of the product class by the one or more buyers, communicating a search query to the one or more seller databases to search the product data.

21. Software for dynamic database redirection in an electronic commerce transaction, the software embodied in a computer-readable medium and operable to:

receive one or more seller requirements from one or more buyers;

create one or more custom global content directories by a global content directory server, based on the seller requirements received from the one or more buyers, the custom global content directory comprising a directory structure including a plurality of product classes organized in a hierarchy, each product class categorizing a plurality of products from one or more sellers satisfying the one or more seller requirements received from the one or more buyers and each product class associated with one or more attributes of the products categorized in the product class, one or more of the product classes having one or more associated pointers that identify a one or more seller databases associated with sellers satisfying the one or more seller requirements received from the one or more buyers;

receive a selection of a product class from the one or more buyers, the product class having a pointer identifying one or more of the seller databases;

in response to the selection of the product class by the one or more buyers, communicate a search query to the one or more seller databases to search the product data.

32. A system for dynamic database redirection in an electronic commerce transaction, the method comprising:

means for receiving one or more seller requirements from one or more buyers;

means for creating one or more custom global content directories based on the seller requirements received from the one or more buyers, the custom global content directory comprising a directory structure including a plurality of product classes

organized in a hierarchy, each product class categorizing a plurality of products from one or more sellers satisfying the one or more seller requirements received from the one or more buyers and each product class associated with one or more attributes of the products categorized in the product class, one or more of the product classes having one or more associated pointers that identify a one or more seller databases associated with sellers satisfying the one or more seller requirements received from the one or more buyers;

means for receiving a selection of a product class from the one or more buyers, the product class having a pointer identifying one or more of the seller databases;

~~in response to the selection of the product class by the one or more buyers,~~
means for communicating a search query to the seller databases to search the product data. data, in response to the selection of the product class by the one or more buyers.

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

Regarding claim 1

The prior art of record neither anticipates nor fairly and reasonably teaches a custom global content directories generated by the global content directory server based on seller requirements received from the buyers; and communicating a search query to seller databases to search the product data stored in seller databases identified by pointers.

Regarding claims 10, 21 and 32

Claims 10, 21 and 32 are each parallel in subject matter to the feature noted above with respect to claim 1 and are allowable for reasons similar to those provided for claim 1.

The most remarkable prior art of record is to Jammes et al. (US 6,484,149).

Jammes et al. teaches a system and method to: 1) permit a merchant to organize and advertise descriptions of product inventory over the Internet, 2) permit Web page information to be extracted on-demand from a product inventory database, and 3) permit Web pages to be automatically customized to fit shopping behaviors of individual consumers.

It is clear from the description of Jammes et al. that the prior art does not consider the possibility of generating custom global content directories by the global content directory server based on seller requirements received from the buyers; and

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communicating a search query to seller databases to search the product data stored in seller databases identified by pointers, as recited in the independent claims 1, 10, 21 and 32.

Conclusion

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mila Airapetian whose telephone number is (571) 272-3202. The examiner can normally be reached on Monday-Friday 9:30 am - 6:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey A. Smith can be reached on (571) 272-6763. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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